

3rd Asia-Pacific Conference on Building Commissioning (APCBC) in Hong Kong

“The Best Practices in Building Commissioning and Operation and Maintenance”

Date: 7th November 2008 (Friday) 9:00am - 17:40pm
Venue: Chiang Chen Theatre, Hong Kong Polytechnic University, Hong Kong
Medium: English

In the last two decades, the Asia-Pacific region has undergone very fast economic development. This signifies a high demand in energy and natural resources, emerging urbanization and industrialization that causes consequential issues in local, regional and even global perspectives. In order to mitigate and eradicate issues such as climate change and global warming, the use of energy must be optimized. Meanwhile, the demand for better quality of life in metropolises necessitates high quality of building. Hence the building envelope and services, in particular the HVAC system must be properly designed, installed and commissioned.

This year, the third APCBC will be held in November 2008 in Hong Kong, the previous conferences being held in Shenzhen, China (2006) and Kyoto, Japan (2007). The aim of the APCBC is to offer a platform for professionals in exchanging recent developments in building quality improvement, and in particular, the energy conservation through the application of building commissioning.

Some of the topics addressed in this year's conference include

- world commissioning policies and practices
- commissioning green buildings
- use of BAS/BMS for commissioning
- sensors and fault diagnosis
- new commissioning tools & methods
- case studies on energy, BCx and O&M



Hong Kong Building Commissioning Centre

Business Environment Council

Building Services Operation and Maintenance Executives Society

Department of Building Services Engineering, Hong Kong Polytechnic University

Hong Kong Association of Energy Engineers

The Institute of Measurement and Control, Hong Kong Section

Who should attend Property owners, government agencies, facility managers, researchers and practitioners.

Organizer: Hong Kong Building Commissioning Centre of Vocational Training Council

Co-organizers: Business Environment Council
Building Services Operation and Maintenance Executives Society
Department of Building Services Engineering, Hong Kong Polytechnic University
Hong Kong Association of Energy Engineers
The Institute of Measurement and Control, Hong Kong Section

Supporters: Air-conditioning and Refrigeration Association of Hong Kong
American Society of Heating Refrigerating and Air-conditioning Engineers - Hong Kong Chapter
The BEAM Society
The Electrical and Mechanical Services Department
The Energy Institute - Hong Kong Branch
The Hong Kong Institution of Engineers – Building Services Division

Guest of Honour: Mr. HO Kwong Wai JP
Director of Electrical and Mechanical Services,
The Government of Hong Kong Special Administrative region

Keynote Speaker: Mr. S K Au Yeung, Sun Hung Kai Properties Ltd. for
The Real Estate Developers Association of Hong Kong

Further enquiry: Ms Cewan Lai / Mr. Charles Chu charleschu@vtc.edu.hk

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3rd Asia Pacific Conference on Building Commissioning

7th November 2008

Chiang Chen Theatre, Hong Kong Polytechnic University, Kowloon, Hong Kong

Registration

Fee: Regular Price HK\$600 including 2 tea refreshments and proceedings (lunch excluded).

Discounted fee of HK\$500 applies to members of co-organizing and supporting bodies,

Please make cheques payable to: **Hong Kong Polytechnic University**

Name: (Dr/Ir/Mr/Ms/Miss) _____

Company Name: _____

Position Title: _____

Company Address: _____

Contact Phone: (Office) _____ (Mobile) _____

Fax #: _____ Email Address: _____

Institution Affiliated: _____

Cheque no.: _____ Amount (HK\$): _____

For enquiry: Ms Cewan Lai / Mr. Charles Chu

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Please send the registration form with payment to:

Department of REFM
IVE(Morrison Hill)
6 Oi Kwan Road
Wanchai
Hong Kong

Organizer and Co-organizers:



Supporters:



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Time	Title	Speakers
08:45 – 09:00	Registration (<i>no refreshments will be served</i>)	
09:00 – 09:05	Welcome Speech	Ir Dr. Lawrence Chan Strategic Discipline Leader Vocational Training Council
09:05 – 09:15	Opening Speech	Mr. HO Kwong Wai JP Director of EMSD
09:15 – 09:40	Keynote Speech	Mr. SK Au Yeung Real Estate Developers Association of Hong Kong
09:40 – 09: 50	Presentation of Souvenirs	Ir Dr. Alex Chan, Hon. O.C. Chairman
	Session 1	Chair: Greg Powell
09:50 – 10:15	Special Topic: Global Oil and Economy	Prof. Albert Kwong, PetroAsian Energy Ltd., Hong Kong
10:15 – 10:40	The state of commissioning in the US and the Building Commissioning Association	Mr. Ed Faircloth, President of BCA, USA
10:40 – 11:00	Refreshments	
11:00 – 11:25	Recent Developments of TAB/Cx in Taiwan	Dr. KH Yang, NSYSU, Taiwan
11:25 – 11:50	Commissioning by a real time energy metering and benchmarking system in large-scaled commercial buildings	Mr. Wang Xin, Tsinghua University, China.
11:50 – 12:15	Overcoming the Difficulties in Chiller Plant Performance Evaluation using BMS data: a Case Study	Mr. S.H. Lee, Prof. W. H. Yik and Dr. J. Lai, Hong Kong Polytechnic University
12:15 – 12:30	Q & A Session	
12:30 – 14:00	Lunch (<i>Delegates to make own lunch arrangements</i>)	
	Session 2	Chair: Kevin Edmunds Business Environment Council
14:00 – 14:25	Commissioning; An architect's viewpoint	Peter Gorer, Facility Asset Strategies, USA
14:25 – 14:50	Commissioning for Certified Green Buildings	Dr. John Burnett, Facilities Analysis and Controls, HK.
14:50 – 15:15	Selective Commissioning of Facilities in Ageing Buildings –	Dr. Encon Hui, BSOMES, HK
15:15 – 15:40	The Structure of Life-cycle Commissioning Process	N Nakahara and N Matsuda, BCxA, Japan
15:40 – 16:00	Refreshments	
16:00 – 16:25	Sensor FDD; Methodology and Application.	Sheng Chang, Tsinghua University, China
16:25 – 16:50	Energy Savings by Correct Hydronic Balancing	David Penny and Jeffrey D. Van Zeffen, Tour & Andersson, Aus.
16:50 – 17:15	Building Energy Status Survey of On-Campus Building in the US.	Ms. He Xiao, Tsinghua University
17:15 – 17:30	Q & A Session	
17:30 – 17:40	Closing Remark	Ir Prof. W.K. Chow Head of Department of BSE, Hong Kong PolyU